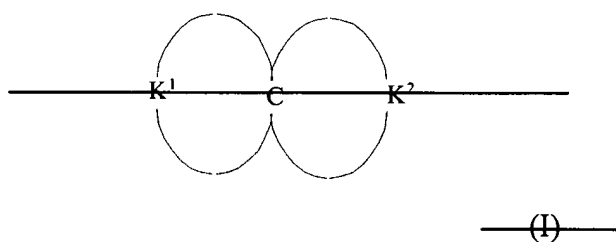
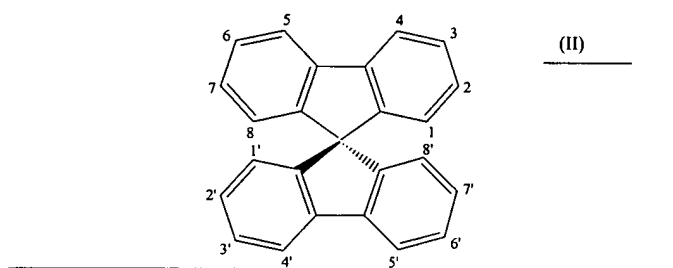


AMENDMENTS TO THE CLAIMS

1-20. (Cancelled)

21. (Currently amended) A laser comprising: in order,

a substrate,

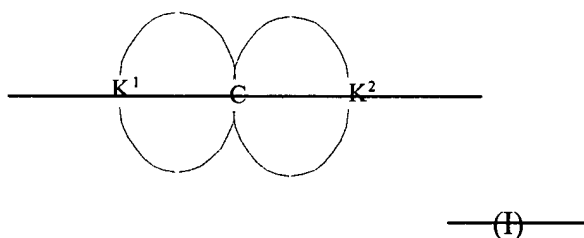
an organic layer structure comprising an organic solid laser dye comprising a spiro compound of ~~formula (I)~~ formula II~~where K¹ and K² are, independently of one another, conjugated systems.~~where the benzo groups can be substituted and/or fused independently of one another.

22. (Cancelled)

23. (Cancelled)

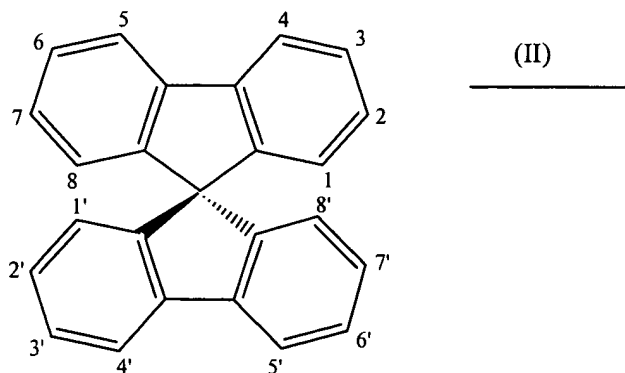
24. (Cancelled)

25. (Previously presented) The laser of claim 21, which further comprises a light source selected from the group consisting of a flash lamp and a laser.
26. (Previously presented) The laser of claim 25, wherein the light source is a laser.
27. (Currently amended) A method of producing coherent laser emission comprising subjecting an organic solid laser dye to a light source wherein said light source excites the organic solid laser dye to emit radiation, the organic solid laser dye comprising a solid ~~spiro compound of formula (I)~~



~~where K^1 and K^2 are, independently of one another, conjugated systems.~~

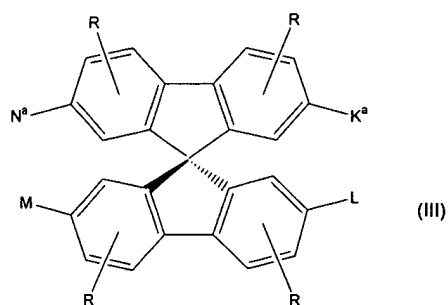
spirobifluorene of formula (II)



where the benzo groups can be substituted and/or fused independent of one another.

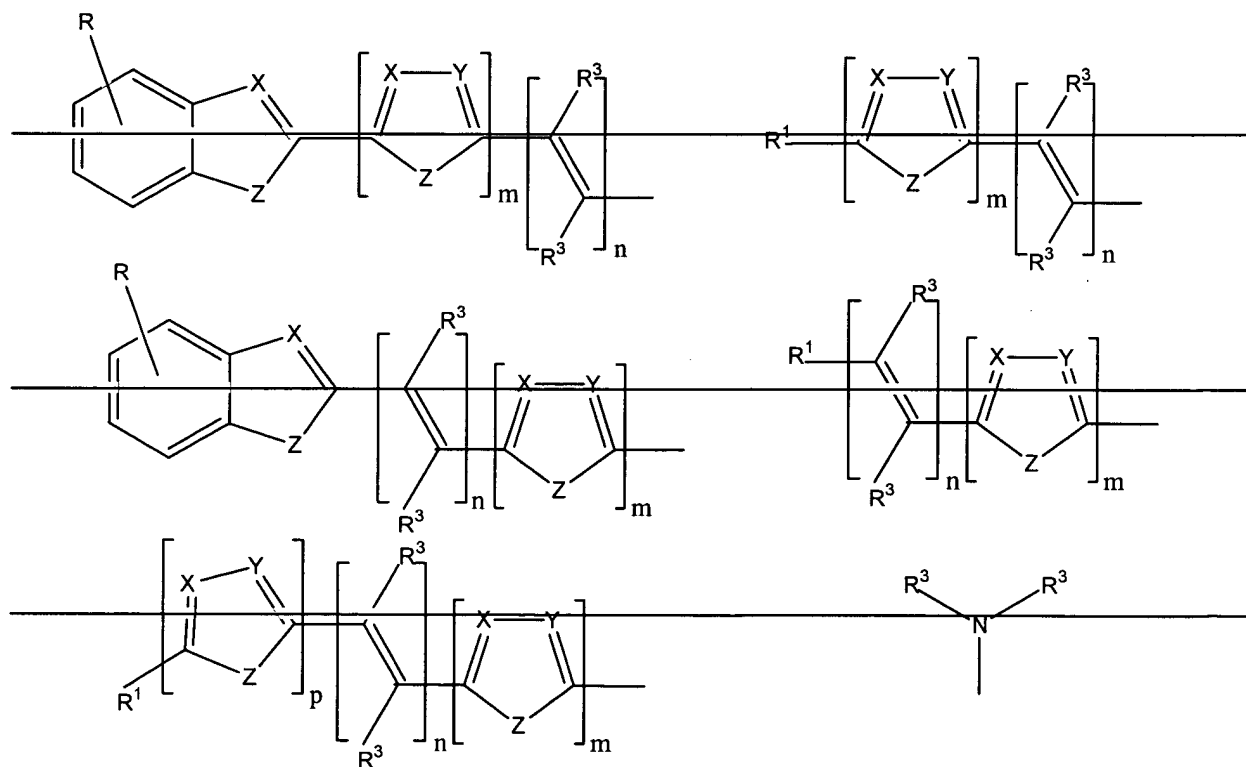
28. (Cancelled)

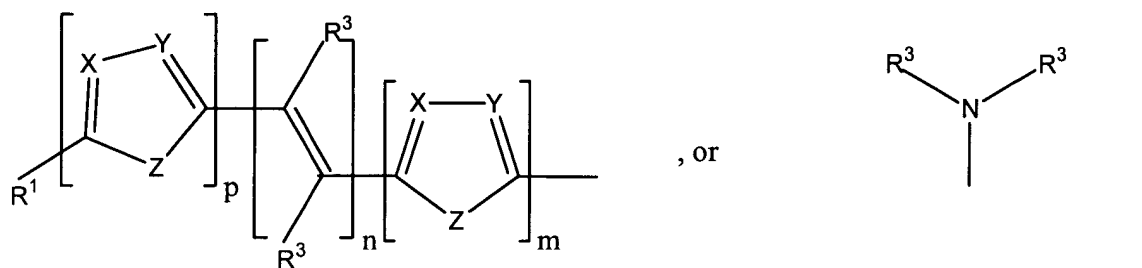
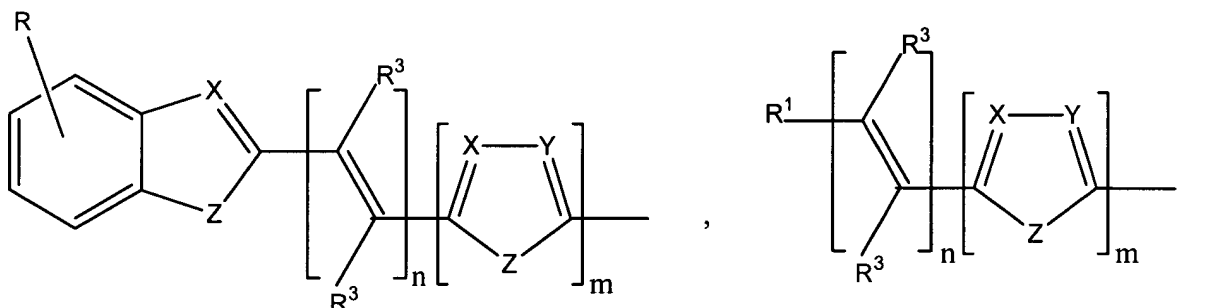
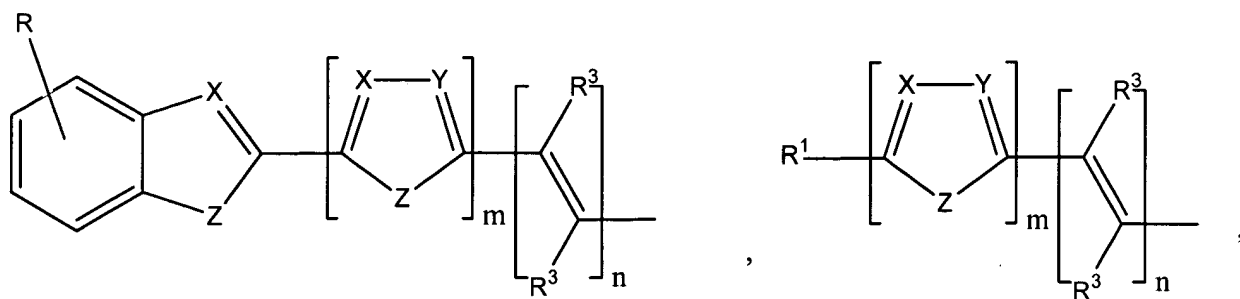
29. (Currently amended) The method of claim 27, wherein said spiro compound is a spirobifluorene derivative of formula (III)



wherein:

K^a , L , M , N^a are identical or different and are





R is identical or different and has the same meaning as K^a , L, M, N^a or is H, a linear or branched alkyl, alkoxy or ester group having from 1 to 22 carbon atoms, -CN, -NO₂, -NR²R³, -Ar or -O-Ar;

Ar is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, or 2-furyl, with each optionally substituted with one or two radicals R;

m, n, p are 0, 1, 2 or 3;

X, Y are identical or different and are CR or nitrogen;

Z is -O-, -S-, -NR¹-, -CR¹R⁴-, -CH=CH-, or -CH=N-;

R¹, R⁴ are identical or different and have the same meaning as R; and

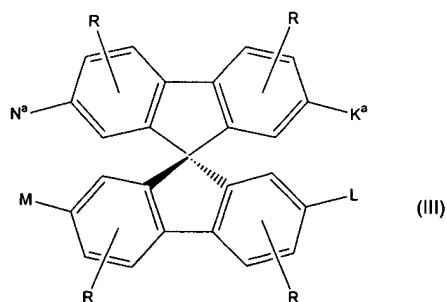
R², R³ are identical or different and are H, a linear or branched alkyl group having from 1 to 22 carbon atoms, -Ar, or 3-methylphenyl.

30. (Cancelled)

31. (previously presented) The method of claim 27 wherein the light source is a laser or a flash lamp.

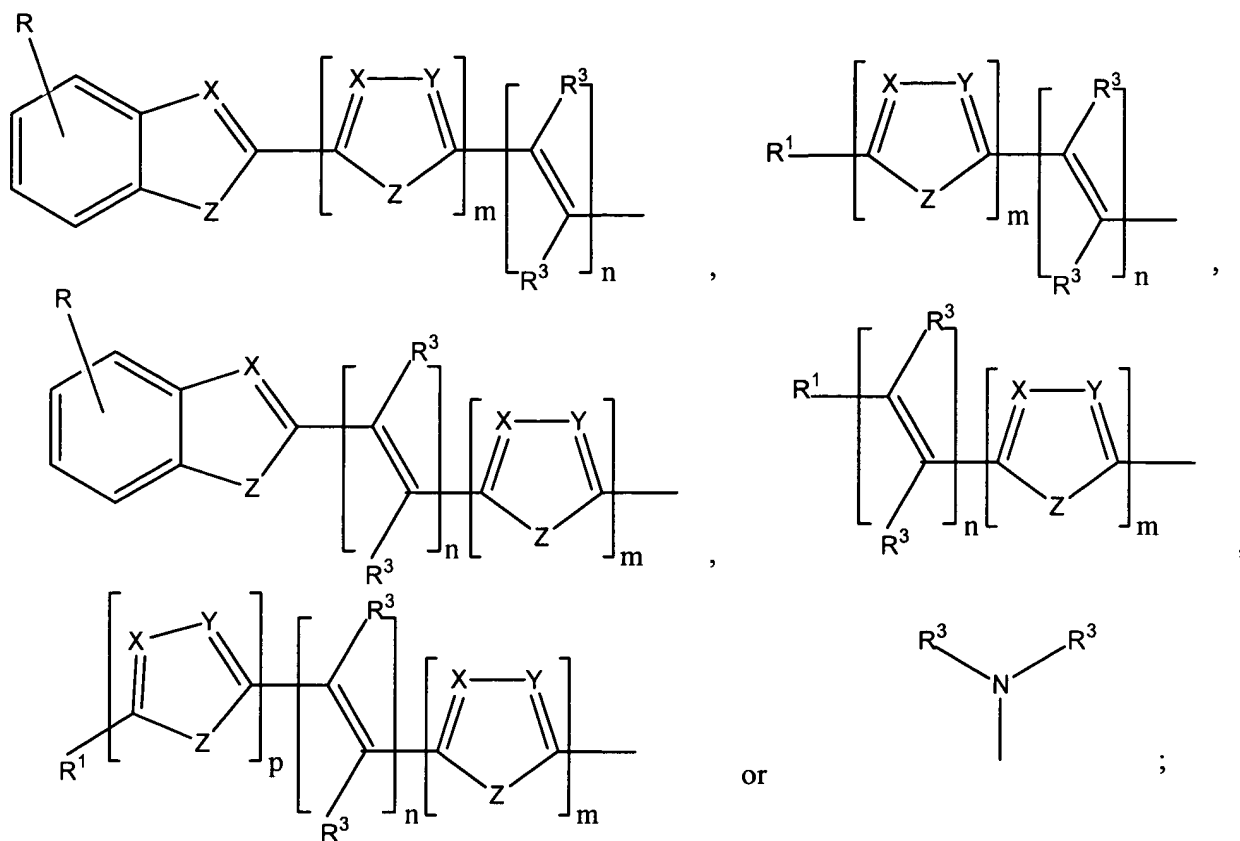
32. (previously presented) The method of claim 31 wherein the light source is a laser.

33. (New) The laser of claim 21, wherein said spiro compound is a spirobifluorene derivative of formula (III)



wherein:

K^a, L, M, N^a are identical or different and are



R is identical or different and has the same meaning as K^a , L , M , N^a or is H , a linear or branched alkyl, alkoxy or ester group having from 1 to 22 carbon atoms, $-CN$, $-NO_2$, $-NR^2R^3$, $-Ar$ or $-O-Ar$;

Ar is phenyl, biphenyl, 1-naphthyl, 2-naphthyl, 2-thienyl, or 2-furyl, with each optionally substituted with one or two radicals R ;

m , n and p independently are 0, 1, 2 or 3;

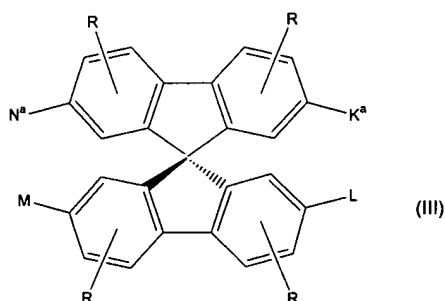
X and Y independently are identical or different and are CR or nitrogen;

Z is $-O-$, $-S-$, $-NR^1-$, $-CR^1R^4-$, $-CH=CH-$, or $-CH=N-$;

R^1 and R^4 are identical or different and have the same meaning as R ; and

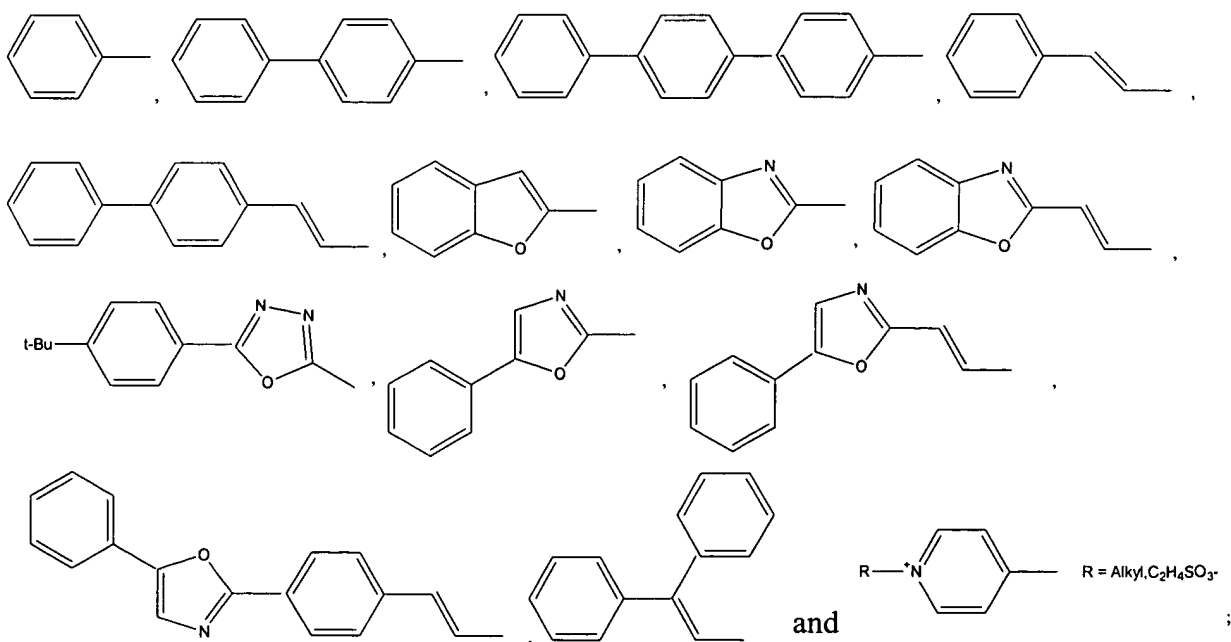
R² and R³ are identical or different and are H, a linear or branched alkyl group having from 1 to 22 carbon atoms, -Ar, or 3-methylphenyl.

34. (New) The laser of claim 21, wherein said spiro compound is a spirobifluorene compound selected from the group consisting of the spirobifluorene compounds of the formula (IIIa) to (IIIg), wherein formula (III) is:

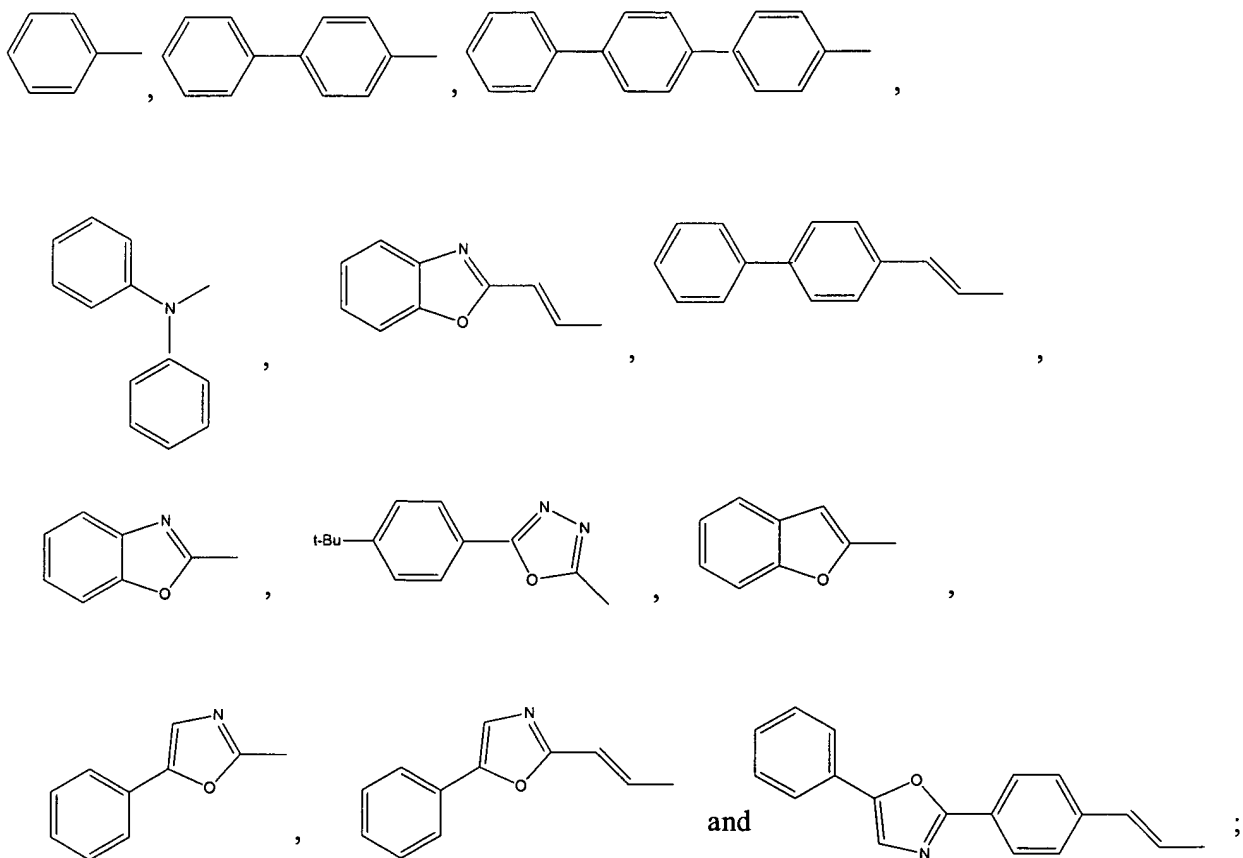


and the spirobifluorene compounds (IIIa to IIIg) are derivatives of formula (III) as follows:

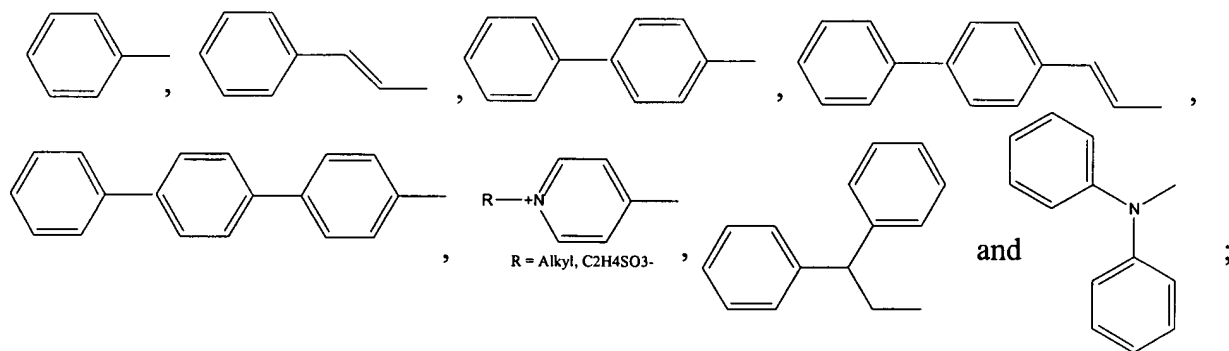
IIIa) $K^a = L = M = N^a$ and is selected from the group consisting of:



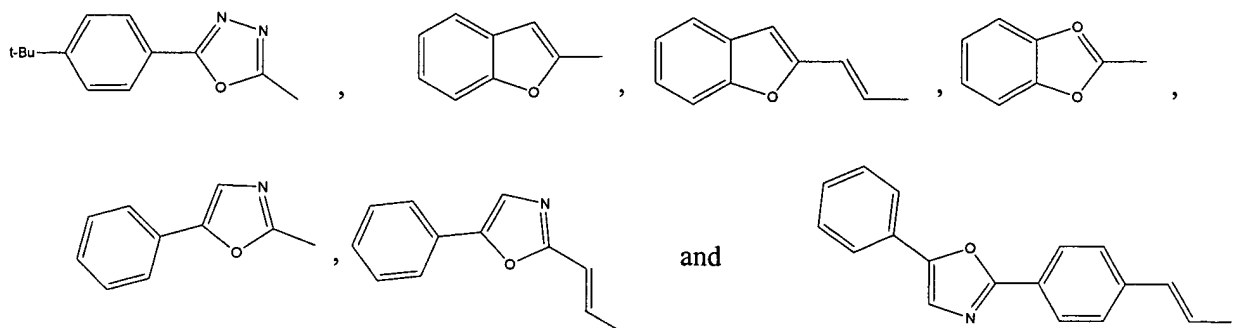
IIIb) $K^a = M = H$ and $Na = L$ and is selected from the group consisting of:



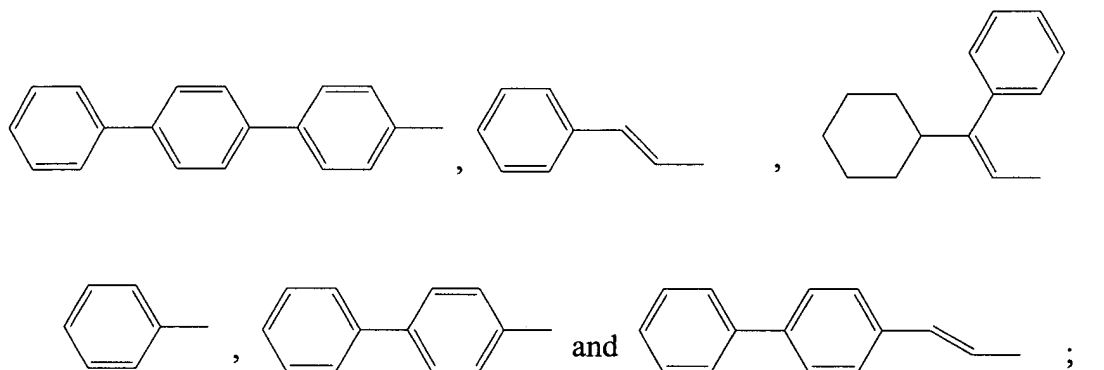
IIIc) $K^a = M$ and is selected from the group consisting of:



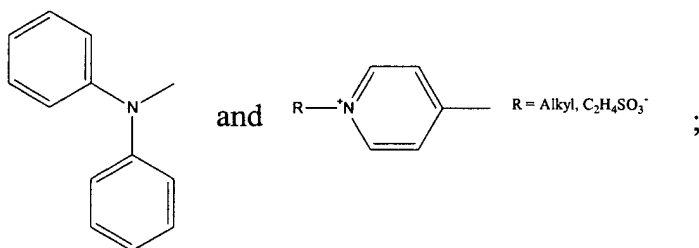
and $N^a = L$ and is selected from the group consisting of:



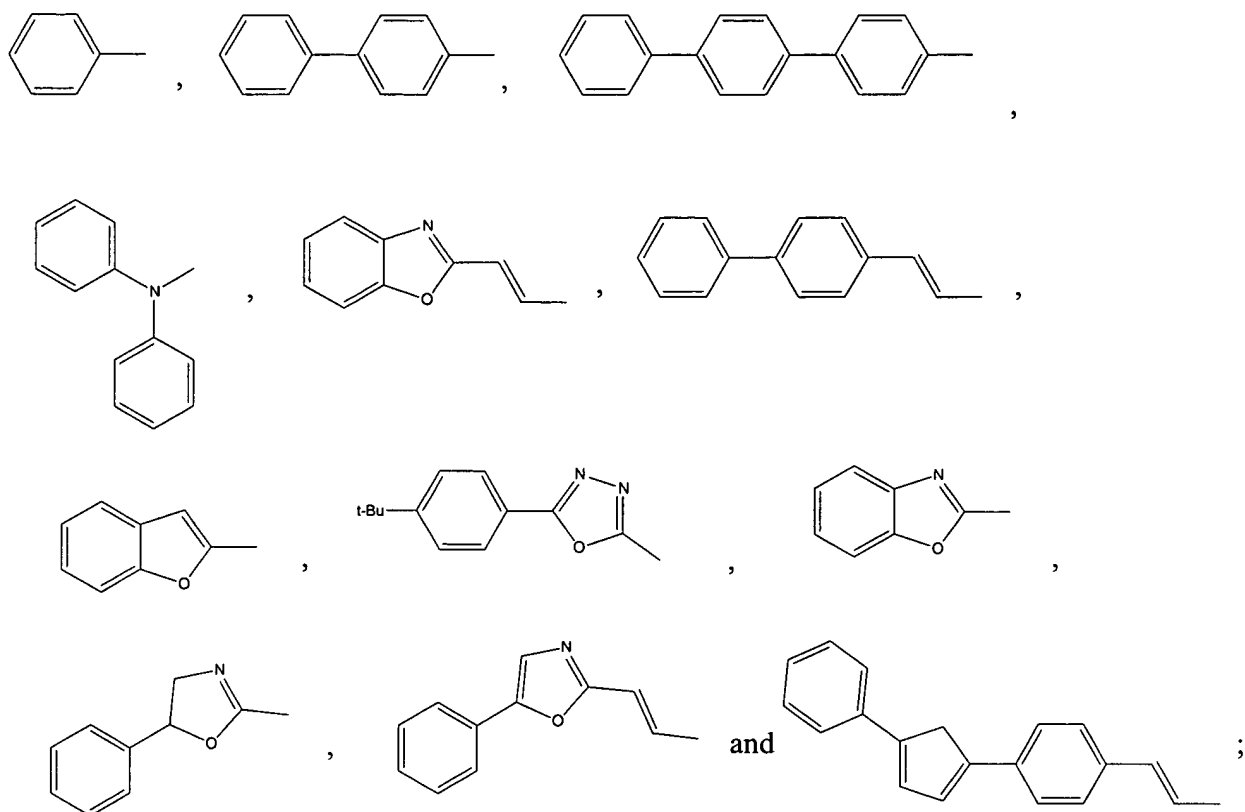
IIIId) $K^a = M$ and is selected from the group consisting of:



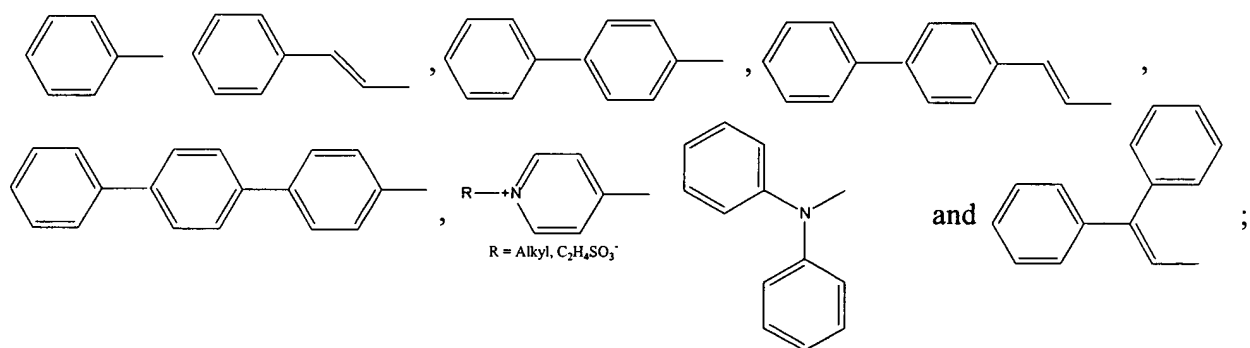
and $N^a = L$ and is selected from the group consisting of:



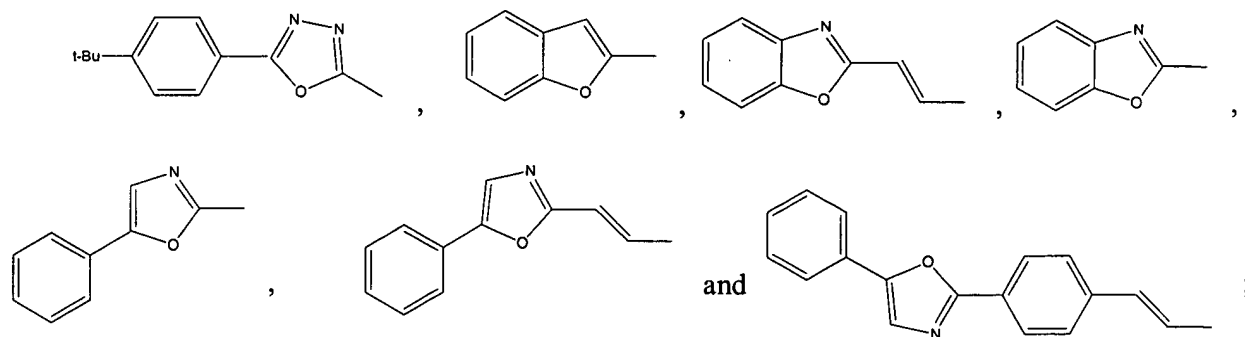
IIIe) $K^a = L = H$ and $M = Na$ and is selected from the group consisting of:



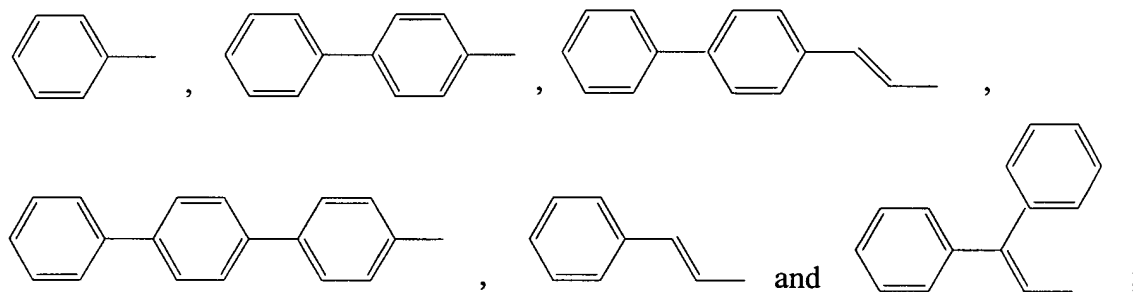
III f) $K_a = L$ and is selected from the group consisting of:



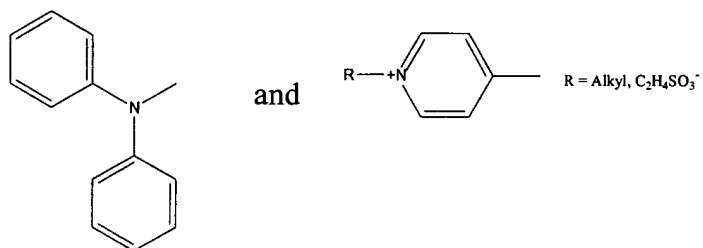
and $M = N^a$ and is selected from the group consisting of:



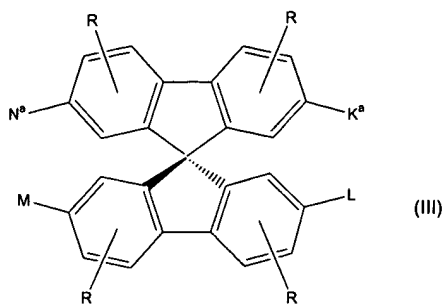
IIIg) $K^a = L$ and is selected from the group consisting of:



and $M = N^a$ and is selected from the group consisting of:

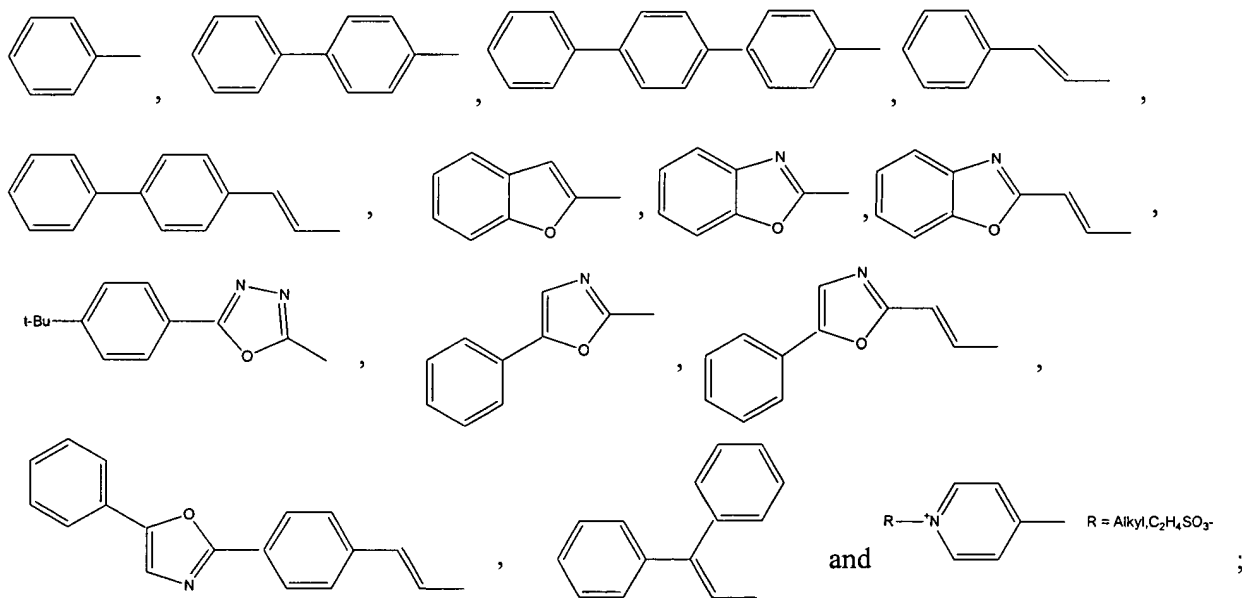


35. (New) The method of claim 27, wherein said spiro compound is a spirobifluorene compound selected from the group consisting of the spirobifluorene compounds of the formula (IIIa) to (IIIg), wherein formula (III) is:

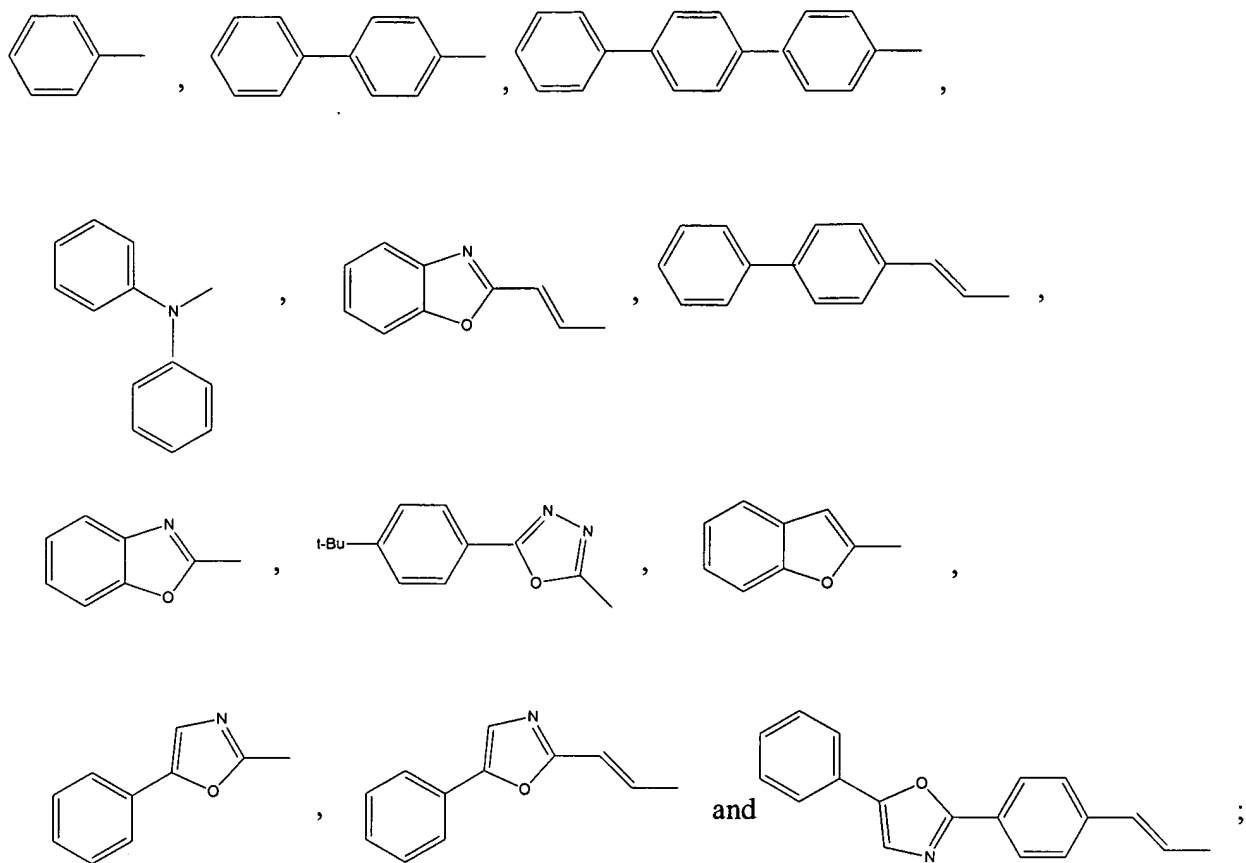


and the spirobifluorene compounds (IIIa to IIIg) are derivatives of formula (III) as follows:

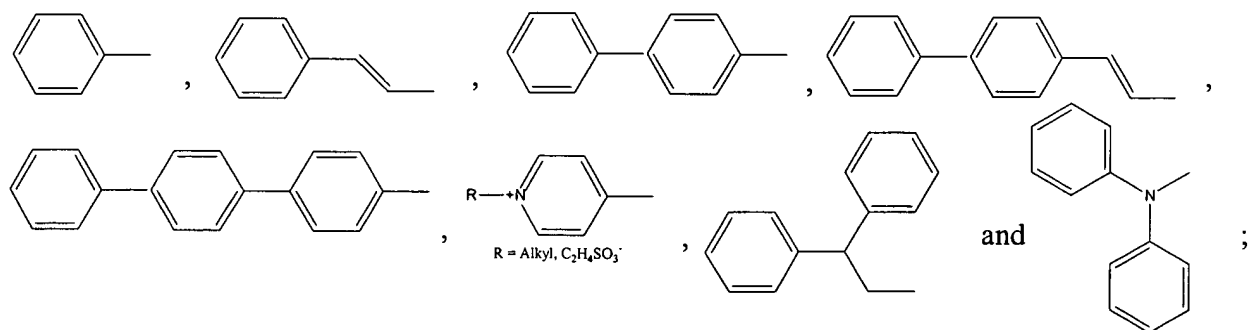
IIIa) $K^a = L = M = Na$ and is selected from the group consisting of:



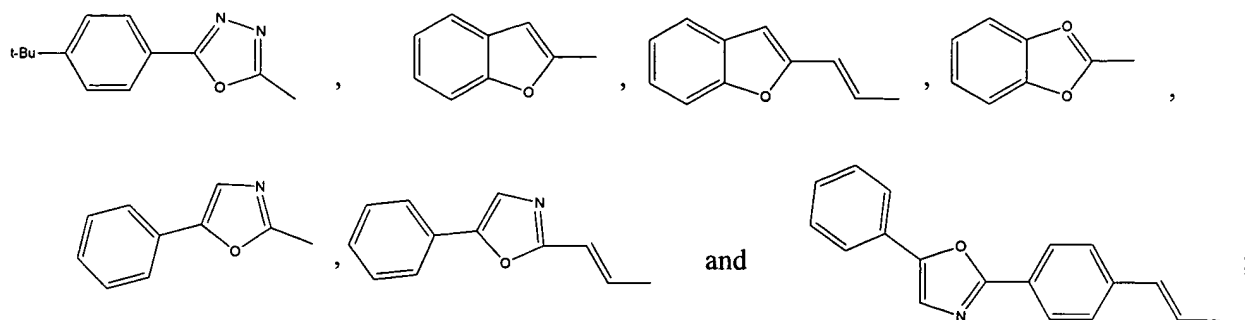
IIIb) $K^a = M = H$ and $Na = L$ and is selected from the group consisting of:



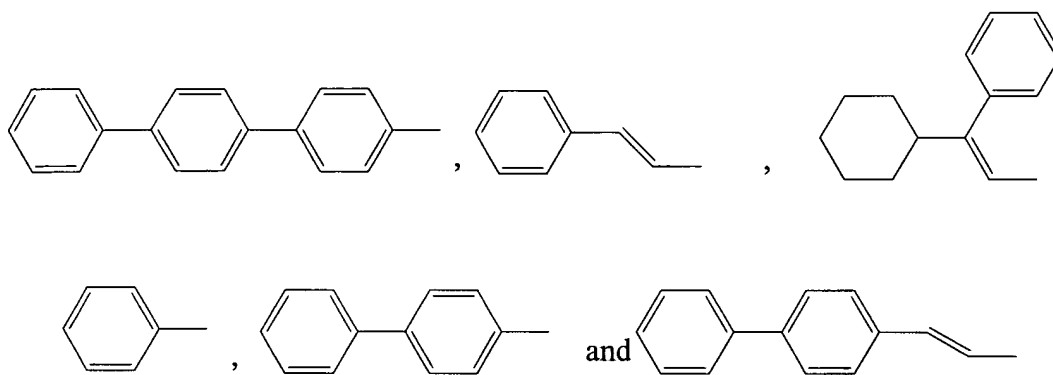
IIIc) $K^a = M$ and is selected from the group consisting of:



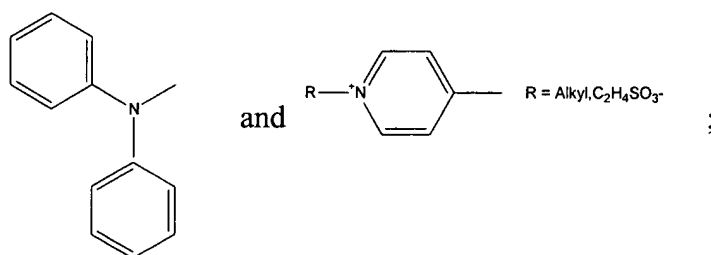
and $N^a = L$ and is selected from the group consisting of



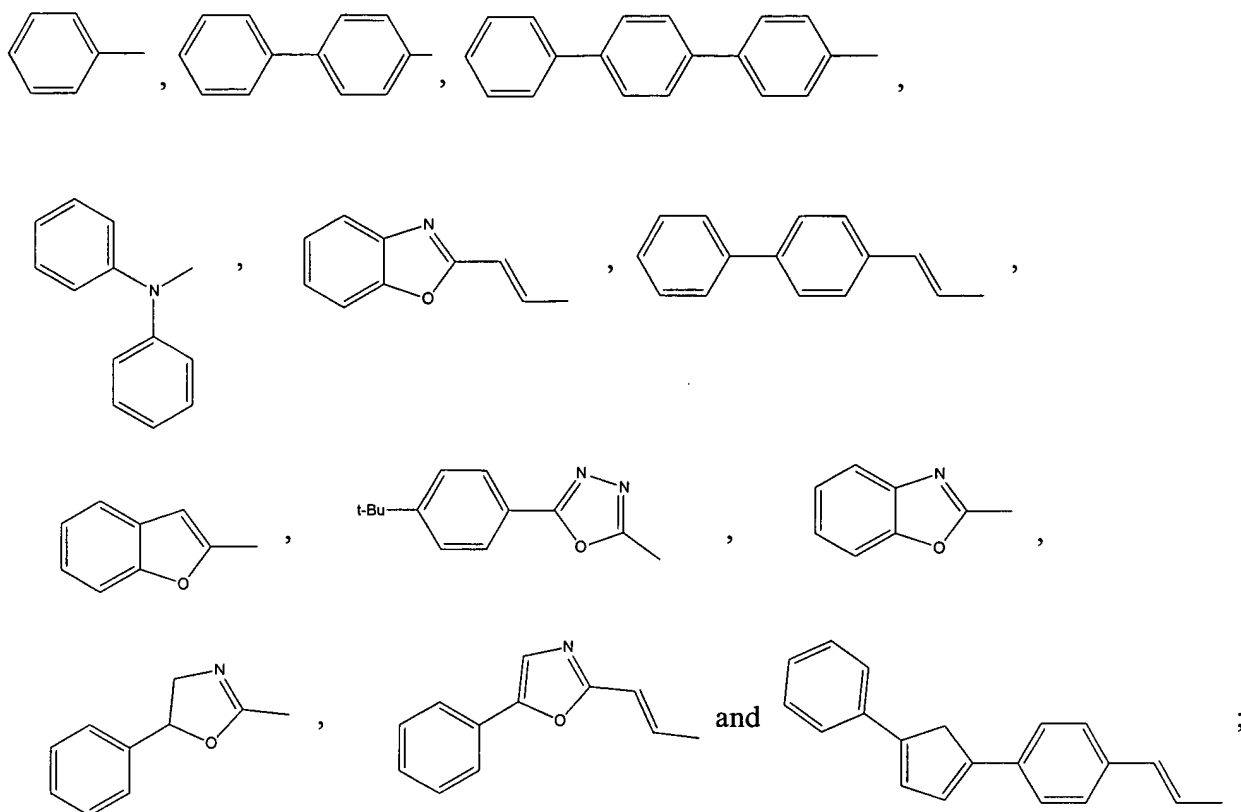
IIIId) $K^a = M$ and is selected from the group consisting of:



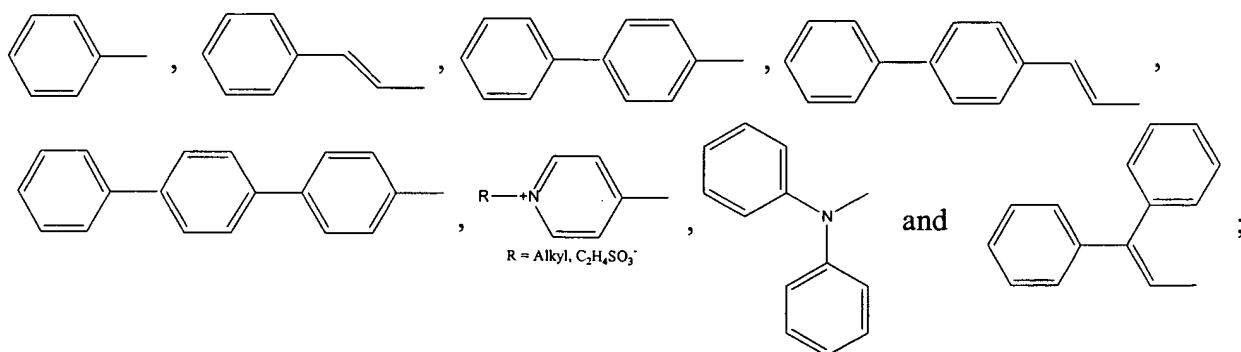
and $N^a = L$ and is selected from the group consisting of:



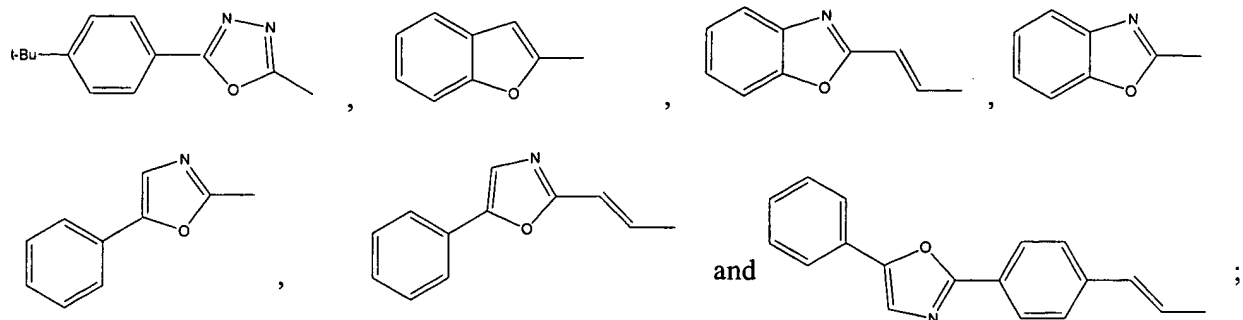
IIIe) $K^a = L = H$ and $M = N^a$ and is selected from the group consisting of:



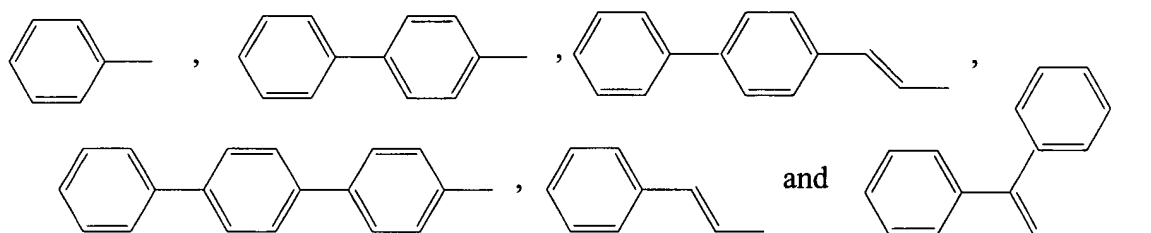
III f) $K^a = L$ and is selected from the group consisting of:



and $M = N^a$ and is selected from the group consisting of



IIIg) $K^a = L$ and is selected from the group consisting of:



and $M = N^a$ and is selected from the group consisting of:

